

ABSTRACT

A system for service control and operations for a telecommunications network. In particular, an architecture and method for a service control and operations element system. The system communicates with a plurality of interconnected telecommunications network elements via a switching and signaling subsystem. The system provides and controls the various functions of the telecommunications network, such as call processing and routing, automatic fault detection and correction, providing services to customers in an interactive manner, fraud detection and control, identification of patterns of abuse of the network, collecting data regarding call activity at each network element, and producing a record of each call placed within the network.